

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: §  
KRISHNA M. RAVI, ET AL. § Group Art Unit: 1712  
§  
Serial No.: 10/721,055 §  
§ Examiner: TIMOTHY J. KUGEL  
Filed: NOVEMBER 24, 2003 §  
§  
Title: "VARIABLE DENSITY FLUIDS §  
AND METHODS OF USE IN § Atty. Docket No: HES 2002-IP-008094U2  
SUBTERRANEAN FORMATIONS" §

**DECLARATION UNDER 37 C.F.R. § 1.132**

1. My name is B. Raghava Reddy. I am over the age of 21 years, of sound mind, and competent in all respects to make this Declaration. I am an inventor in the above-identified patent application.

2. I am an inventor of the subject matter disclosed in the above-identified patent application, and an inventor of the subject matter disclosed in U.S. Patent Application Publication 2004/0171499, which the Examiner identified in his office action dated October 20, 2006.

3. I am an inventor of the subject matter disclosed in the above-identified patent application and in U.S. Patent Application Publication 2004/0171499 that was identified and relied on by the Examiner in his 35 U.S.C. § 102(e) rejection in the October 20, 2006, office action.

4. I hereby declare that all statements made herein and of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and such willful false statements may jeopardize the validity of the application or any patent issued thereon.

June 22, 2007  
Date

  
B. Raghava Reddy